

## TROPICAL STORM MARIAN (09W)

### I. HIGHLIGHTS

Forming within the monsoon trough, Marian tracked northwestward towards northern Luzon, then took a more northward track before dissipating in the Philippine Sea. Strong, persistent upper-level winds inhibited development and ultimately led to Tropical Storm Marian's dissipation.

### II. CHRONOLOGY OF EVENTS

July

111900Z - A persistent convection embedded in the monsoon trough in the western Caroline Islands was first mentioned in the Significant Tropical Weather Advisory

120800Z - A Tropical Cyclone Formation Alert (TCFA) was issued following an increase in convective organization (Figure 3-09-1). Because the tropical disturbance was slow to develop, the TCFA with reissued 24 hours later.

131200Z - Rapidly improving convective organization resulted in a satellite intensity estimate of 25 kt (13 m/sec) which prompted JTWC to issue the first warning.

140000Z - Based upon a satellite intensity estimate of 35 kt (18 m/sec), Marian was upgraded to tropical

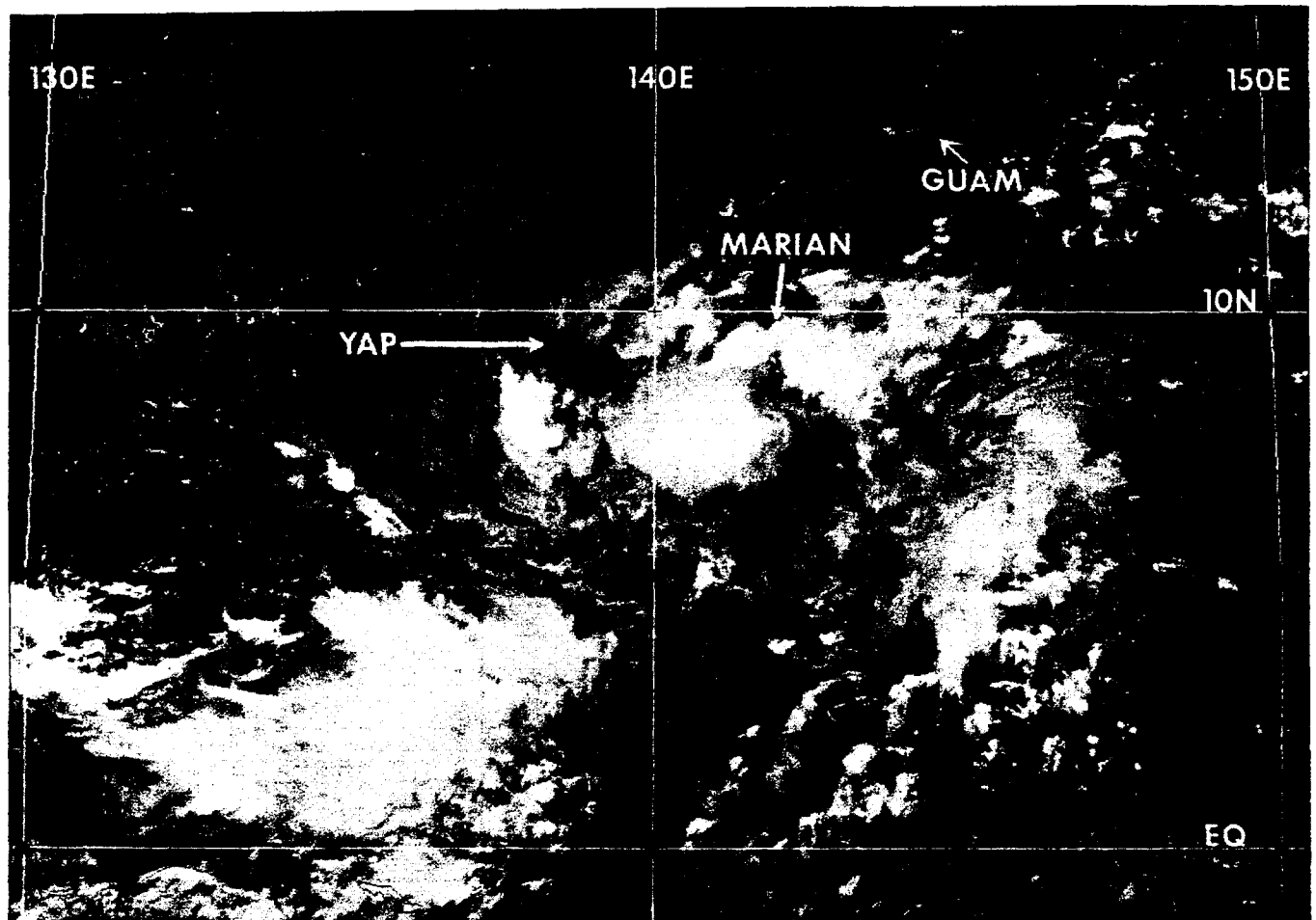


Figure 3-09-1 Marian, which is slowly intensifying, approaches the island of Yap (120425Z July visual GMS imagery).